

AMENDMENT OF SOLICITATION/MODIFICATION OF CONTRACT			1. Contract ID Code Cost-Plus-Fixed-Fee	Page 1 Of 6
2. Amendment/Modification No. 20		3. Effective Date 2002APR25	4. Requisition/Purchase Req No. SEE SCHEDULE	5. Project No. (If applicable)
6. Issued By TACOM-ROCK ISLAND AMSTA-LC-CAC-B ROCK WOODSTOCK (309)782-7237 ROCK ISLAND IL 61299-7630 EMAIL: WOODSTOCKR@RIA.ARMY.MIL		Code W52H09	7. Administered By (If other than Item 6) DCMA BIRMINGHAM BURGER PHILLIPS CENTER 1910 3RD AVE NORTH ROOM 201 BIRMINGHAM AL 35203-2376 SCD A PAS NONE ADP PT HQ0338	
8. Name And Address Of Contractor (No., Street, City, County, State and Zip Code) PEI ELECTRONICS INC 110 WYNN DRIVE HUNTSVILLE AL 35807-0929 TYPE BUSINESS: Large Business Performing in U.S.		<input type="checkbox"/> <input checked="" type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>		
Code 24290		Facility Code		
11. THIS ITEM ONLY APPLIES TO AMENDMENTS OF SOLICITATIONS				
<input type="checkbox"/> The above numbered solicitation is amended as set forth in item 14. The hour and date specified for receipt of Offers <input type="checkbox"/> is extended, <input type="checkbox"/> is not extended. Offers must acknowledge receipt of this amendment prior to the hour and date specified in the solicitation or as amended by one of the following methods: (a) By completing items 8 and 15, and returning _____ copies of the amendments: (b) By acknowledging receipt of this amendment on each copy of the offer submitted; or (c) By separate letter or telegram which includes a reference to the solicitation and amendment numbers. FAILURE OF YOUR ACKNOWLEDGMENT TO BE RECEIVED AT THE PLACE DESIGNATED FOR THE RECEIPT OF OFFERS PRIOR TO THE HOUR AND DATE SPECIFIED MAY RESULT IN REJECTION OF YOUR OFFER. If by virtue of this amendment you desire to change an offer already submitted, such change may be made by telegram or letter, provided each telegram or letter makes reference to the solicitation and this amendment, and is received prior to the opening hour and date specified.				
12. Accounting And Appropriation Data (If required) SEE SECTION G				
13. THIS ITEM ONLY APPLIES TO MODIFICATIONS OF CONTRACTS/ORDERS It Modifies The Contract/Order No. As Described In Item 14.				
KIND MOD CODE: G				
<input type="checkbox"/> A. This Change Order is Issued Pursuant To: The Changes Set Forth In Item 14 Are Made In The Contract/Order No. In Item 10A.				
<input type="checkbox"/> B. The Above Numbered Contract/Order Is Modified To Reflect The Administrative Changes (such as changes in paying office, appropriation data, etc.) Set Forth In Item 14, Pursuant To The Authority of FAR 43.103(b).				
<input checked="" type="checkbox"/> C. This Supplemental Agreement Is Entered Into Pursuant To Authority Of: FAR 43 103(a)				
<input type="checkbox"/> D. Other (Specify type of modification and authority)				
E. IMPORTANT: Contractor <input checked="" type="checkbox"/> is not, <input type="checkbox"/> is required to sign this document and return _____ copies to the Issuing Office.				
14. Description Of Amendment/Modification (Organized by UCF section headings, including solicitation/contract subject matter where feasible.) SEE SECOND PAGE FOR DESCRIPTION				

Except as provided herein, all terms and conditions of the document referenced in item 9A or 10A, as heretofore changed, remains unchanged and in full force and effect.

15A. Name And Title Of Signer (Type or print)		16A. Name And Title Of Contracting Officer (Type or print) SUZANNE C. YACKLEY YACKLEYS@RIA.ARMY.MIL (309)782-1466	
15B. Contractor/Offeror _____ (Signature of person authorized to sign)	15C. Date Signed	16B. United States Of America By _____ /SIGNED/ (Signature of Contracting Officer)	16C. Date Signed 2002APR25

NSN 7540-01-152-8070
PREVIOUS EDITIONS UNUSABLE

30-105-02

STANDARD FORM 30 (REV. 10-83)
Prescribed by GSA FAR (48 CFR) 53.243

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- SECTION A - SUPPLEMENTAL INFORMATION
1. This modification facilitates the orderly transfer of GFE/ GFM from Contract DAAE07-94-C-0456 to Delivery Order DAAE20-98-G-0004 / 0030 with no change in terms and conditions. The material subject to this transfer is identified in Attachment 006 of this modification.
2. This modification also provides supplemental funding for the M1A2 Software Loader Verifier (SLV) Work Directive under CLIN 0010AB. The original task parameters were identified in "STS YEAR TWO" of this Delivery Order. As a result, CLIN 0010AB funding is increased by \$55,000, from \$203,964 to \$258,964 as indicated below:

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0010AB	M1A2 SLV	\$237,235	\$598	\$21,131	\$258,964

3. This modification provides funding for the TWGSS/ Embedded Diagnostics Development Work Directive under CLIN 0013AE. The original task parameters are identified below.

CLIN	NOMENCLATURE	COST	COM	FEE	CLIN TOTAL
0013AE	TWGSS/ ED Development	\$366,440	\$920	\$32,640	\$400,000

TWGSS/Embedded Diagnostics Development SOW

- WBS
- 1.0 DAU Hardware & Software modifications
- The PEI developed Data Acquisition Unit (DAU) will be modified to provide Range Data input into the CEU. This function will mimic the current TWGSS function.
- 2.0 ED Processor Software modifications and additions
- 2.1. Secondary CANbus port drivers will be modified if necessary to communicate with the TWGSS system.
- 2.2. A TWGSS/ED Application Programming Interface (API) will be generated to provide the protocol interface structure between the TWGSS System and the ED Sidecar System.
- 2.3. Changes will be made to the current ED API to allow the new DAU stimulus capability.
- 3.0 Integration
- 3.1. Lab Integration will be performed at PEI facilities between prototype versions of the TWGSS and ED modifications. Almost all TWGSS/ED integration can be accomplished in the Lab.
- 3.2. Vehicle Integration will be performed at PEI to ensure the modified system performs as specified on the tank.
- 4.0 Safety Assessment Report
- The M1A1 ED Safety Assessment Report will be updated to include the new DAU functionality.
- 5.0 APG Safety Testing
- Safety Testing will be performed by the gov't with PEI support available.

- Deliverables:
- 1) 5 LRIP DAUs
 - 2) 5 Production ED Processors
 - 3) ED TDP update to include DAU Performance Specification
 - 4) TWGSS/ED ICD (coordinated effort between SAAB and PEI)

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4. As a result of this modification, the total value of this Delivery Order is increased by \$455,000.00, from \$29,700,475.45 to \$30,155,475.45.

5. All other terms and conditions remain unchanged.

*** END OF NARRATIVE A 023 ***

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ITEM NO	SUPPLIES/SERVICES	QUANTITY	UNIT	UNIT PRICE	AMOUNT
0010AB	SECTION B - SUPPLIES OR SERVICES AND PRICES/COSTS <u>SERVICES LINE ITEM</u> NOUN: DSESTS STS - M1A2 SLV YEAR-2 SECURITY CLASS: Unclassified PRON: 471SSU0947 PRON AMD: 02 ACRN: AR AMS CD: 312065 <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 0 30-SEP-2002 \$ 258,964.00				\$ 258,964.00
0013AE	<u>SERVICES LINE ITEM</u> NOUN: EMBED TWGSS INTO RXNB/ED SECURITY CLASS: Unclassified PRON: 472STD0547 PRON AMD: 01 ACRN: AZ AMS CD: 31206430021 <u>Inspection and Acceptance</u> INSPECTION: Origin ACCEPTANCE: Origin <u>Deliveries or Performance</u> DLVR SCH PERF COMPL <u>REL CD</u> <u>QUANTITY</u> <u>DATE</u> 001 0 14-FEB-2003 \$ 400,000.00				\$ 400,000.00

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SECTION G - CONTRACT ADMINISTRATION DATA

LINE	PRON/		OBLG STAT/			INCREASE/DECREASE		CUMULATIVE
ITEM	AMS CD	ACRN	JOB ORD NO		PRIOR AMOUNT	AMOUNT		AMOUNT
0010AB	471SSU0947	AR	1	\$	203,964.00	\$	55,000.00	\$ 258,964.00
	312065		1GAAU1					
0013AE	472STD0547	AZ	1	\$	0.00	\$	400,000.00	\$ 400,000.00
	31206430021		2GAAPD					
					NET CHANGE	\$	455,000.00	

SERVICE	NET CHANGE				ACCOUNTING		INCREASE/DECREASE
NAME	BY ACRN	ACCOUNTING CLASSIFICATION			STATION		AMOUNT
Army	AR	21 12033000015R5R02P3120652516	S20113		W56HZV	\$	55,000.00
Army	AZ	21 22033000025R5R02P31206426CZ	S20113		W56HZV	\$	400,000.00
						NET CHANGE	\$ 455,000.00

		PRIOR AMOUNT		INCREASE/DECREASE		CUMULATIVE
		OF AWARD		AMOUNT		OBLIG AMT
NET CHANGE FOR AWARD:	\$	29,700,475.45	\$	455,000.00	\$	30,155,475.45

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SECTION J - LIST OF ATTACHMENTS

<u>List of</u> <u>Addenda</u>	<u>Title</u>	<u>Date</u>	<u>Number</u> <u>of Pages</u>	<u>Transmitted By</u>
Attachment 006	CONSOLIDATED EQUIPMENT INVENTORY XFER FROM DAAE07-94-C-0456	23-APR-2002	003	DATA